

04-06-04

**In the United States Patent and Trademark Office**

Serial Number: 10/708778

Application filed on: 2004 March 24

Applicant(s): Baokang Bi

Application Title: PATTEN GENERATING SYSTEMS

Examiner/GAU: /

Mailed on: 2004 April 5

At: Okemos, Michigan

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Very respectfully,

Applicant(s): Baokang Bi

Enc.: PTO/SB/08(A&B) and Copies of 25 Cited References

c/o: Baokang Bi, Applicant Pro Se

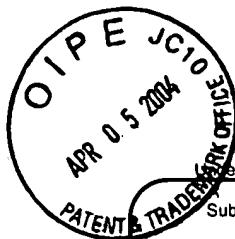
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Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 4

<b>Complete if Known</b>	
Application Number	10/708778
Filing Date	2004 March 24
First Named Inventor	Baokang Bi
Art Unit	
Examiner Name	
Attorney Docket Number	

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**U. S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> ~Number <sup>4</sup> ~Kind Code <sup>5</sup> (if known)				
		WO 98/48443	10-29-1998	John Wiesner		
		WO 03/079116	09-25-2003	Pieter Kruit		

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		Arnaud Bertsch, et al., "Rapid Prototyping of small size objects", Rapid Prototyping Journal, Vol.6, p259, 2000.			
		http://www.micronic.se/site_eng/product/multiexposure.shtml, Publication date on website is unknown.			
		H. J. Tiziani, et al., "Theoretical Analysis of Confocal Microscopy with Microlenses", Applied Optics, Vol. 35, p120, 1996.			
		Emily A. Gibson, et al, "High-Order Harmonic Generation up to 250 eV from Highly Ionized Argon", Physical Review Letters, vol.92, 033001-3, 2004.			
		C. keyser, et al., "Studies of high-repetition-rate laser plasma EUV sources from droplet targets", Applied Physics A, Vol. 77, p217, 2003.			
		E. Kaneko, "Liquid Crystal TV Displays", KTK Scientific Publishers, Boston, 1987, Chapter 8.			
		H. J. Tiziani, et al., "Three-Dimensional Analysis by a Microlens-Array Confocal Arrangement", Applied Optics, Vol. 33, p567, 1994.			
		Neha Choksi, et al., "Maskless extreme ultraviolet lithography", J. Vac. Sci. Technol. B 17, p3047, 1999.			
		http://pguerit.sri.com/SriWeb/current/DPS.html, "Direct photo shaping", Publication date on website is unknown.			
		Srinivas Bollepalli, et al., "Image formation in extreme ultraviolet lithography and numerical aperture effects", J. Vac. Sci. Technol. B(17), p2992, 1999.			

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<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
		Ihsan Djomehri, et al., "Zone-plate-array lithography in the deep ultraviolet", J. Vac. Sci. Technol. B(16), p3426, 1998.			
		J. W. Gardner, "Microsensors, MEMS, and Smart Devices", John Wiley & Sons, Ltd., New York, 2001, Chapter 7.			
		Dario Gil, et al., "Parallel maskless optical lithography for prototyping, low-volume production, and research", J. Vac. Sci. Technol. B(20), p2597, 2002.			
		Paul Allen, "DUV Laser Scanning for Mask Pattern Generation at the 130 and 100 Nanometer Nodes", <a href="http://www.appliedmaterials.com/products/mask_tech_archives.html">http://www.appliedmaterials.com/products/mask_tech_archives.html</a> , March, 2002.			
		<a href="http://www.mapperlithography.com/principle/principle.htm">http://www.mapperlithography.com/principle/principle.htm</a> , "MAPPER Technology", Publication date is unknown.			
		Hans Coufal, et al., "Optical data storage", International Trends in Optics, p609(2002), Published by SPIE--The International Society for Optical Engineering.			
		John E. Bjorkholm, "EUV Lithography -The Successor to Optical Lithography?", Intel Technology Journal, Q3 '98.			
		J. Paufler, et al., "High-throughput optical direct write lithography", Solid State Technology, p175, June, 1997.			
		Eiichi Tamaki, "Computer-to-plate printing using the Grating Light Valve(TM) device", Proceedings of SPIE, Vol. 5348, p89, 2004.			
		Stephen D. Senturia, "Microsystem Design", Kluwer Academic Publishers, Boston, 2000, Chapter 20.			

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		Jahja I. Trisnadi, et al., "Overview and applications of Grating Light Valve (TM) based optical write engines for high-speed digital imaging", Proceedings of SPIE, Vol. 5348, p52, 2004			
		R. W. Corrigan, et al., "Grating Light Valve (TM) Technology for Projection Displays", International Display Workshop, Kobe, Japan, December 1998.			
		L. Hornbeck, "Digital Light Processing (TM) for High -Brightness, High-Resolution Applications", Proceedings of SPIE, Vol.3013, p27, 1987.			

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